# Kansas Resource Conservation Staff

## Toolkit

### Task Guide #58

Importing Toolkit Conservation Plan Boundaries into Web Soil Survey

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#### **Abstract**

The conservation plan boundary can be imported into Web Soil Survey (WSS) using the import Area of Interest (AOI) feature. The WSS requires a single AOI polygon in shapefile format as input. To use this feature, the land unit boundaries must be copied from the conservation plan (Consplan) layer to a shapefile. If there are multiple adjacent land units, they must be merged into a single polygon. Non-contiguous land units must be copied into separate shapefiles and each imported into WSS as a separate AOI.

#### **Instructions**

Before completing the following steps, planned land units should be added to the Consplan layer and the Consplan opened in ArcMap using the **Select a Plan** button.

#### Copy plan boundaries to new shapefile

- 1. On the ArcMap Toolkit toolbar, click **New Toolkit Layer**.
- 2. In the **New Toolkit Layer** window, do the following:
  - Select the polygon option under 'Build Your Own.'
  - Enter 'WSS Export' for layer name.
  - For File Name, enter C:\Users\<your.name>\My Customer Files Toolkit\
    <Customer Folder Name>\Resource\_Maps\ WSS\_export.shp.
- 3. In the ArcMap Table of Contents, right-click Consplan and click Selection > Make This the Only Selectable Layer.
- 4. Select the land units to copy from the Consplan layer using the **Select Features** too located on the tools toolbar.

Note: To use Import AOI in WSS, the land units must be contiguous (adjacent). For non-contiguous land units, a separate polygon layer should be created for each land unit or group of contiguous land units (create more than one AOI).

- 5. Click Copy then Paste on the standard toolbar. In the paste window, select WSS Export for target layer, click OK.
- 6. If there are multiple adjacent land units in the plan, merge these into a single polygon in the WSS Export layer using the **Merge Features** tool on the polygon editor toolbar.
- 7. Stop and save edits.

#### Import Shapefile into Web Soil Survey AOI

- 1. Close ArcMap, open WSS (<a href="http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm">http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm</a>), and click **Start WSS**.
- 2. On the **Area of Interest** menu along the left of the screen, click **Import AOI** then **Create AOI from Shapefile**.



- 3. Click **Browse...** to select the .shp file to import.
- 4. Browse to C:\Users\<your.name>\My Customer Files Toolkit\<Customer Folder Name>\Resource\_Maps\.
- 5. Select the WSS\_export.shp file, and click **Open**.
- 6. Repeat for the .shx and .prj files, selecting WSS\_export.shx and WSS\_export.prj.
- 7. Click **Set AOI**.
- 8. After the AOI is imported, click on the **Soil Data Explorer** Tab and select the desired soil reports.